

ABSTRACT OF THE DISCLOSURE

A glass substrate for use as the substrate of an information recording medium such as a magnetic disk, magneto-optical disk, DVD, or MD or of an optical communication device, and a glass composition for making such a glass substrate, contains the following glass ingredients: 45 to 75 % by weight of SiO_2 ; 1 to 20 % by weight of Al_2O_3 ; 0 to 8 % by weight, zero inclusive, of B_2O_3 ; $\text{SiO}_2 + \text{Al}_2\text{O}_3 + \text{B}_2\text{O}_3$ accounting for 60 to 90 % by weight; a total of 0 to 20 % by weight, zero inclusive, of R_2O compounds, where $\text{R} = \text{Li}, \text{Na}, \text{and K}$; and a total of 0 to 15 % by weight, zero inclusive, of $\text{TiO}_2 + \text{ZrO}_2 + \text{Ln}_x\text{O}_y$, where Ln_xO_y represents at least one compound selected from the group consisting of lanthanoid metal oxides, Y_2O_3 , Nb_2O_5 , and Ta_2O_5 .